

NORMALS, MEANS, AND EXTREMES

ASHEVILLE, NC (AVL)

LATITUDE: 35° 26' 09" N LONGITUDE: 82° 32' 21" W ELEVATION (FT): GRND: 2140 BARO: 2161 TIME ZONE: EASTERN (UTC+ 5) WBAN: 03812

ELEMENT		POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	46.5	50.0	59.2	67.8	75.0	80.4	83.0	82.1	76.9	68.3	59.3	50.3	66.6
	MEAN DAILY MAXIMUM	41	47.7	51.0	58.9	68.1	75.2	81.7	84.5	83.1	77.4	68.6	58.2	50.5	67.1
	HIGHEST DAILY MAXIMUM	34	78	78	83	89	93	96	96	100	92	86	81	78	100
	YEAR OF OCCURRENCE		1975	1996	1985	1972	1996	1969	1988	1983	1998	1986	1974	1971	AUG 1983
	MEAN OF EXTREME MAXS.	41	65.1	69.3	76.9	83.0	85.9	90.2	92.0	90.5	87.2	81.0	73.5	67.8	80.2
	NORMAL DAILY MINIMUM	30	24.8	27.4	35.4	42.6	50.9	58.3	62.7	61.9	55.5	43.5	35.7	28.6	43.9
	MEAN DAILY MINIMUM	41	26.5	28.3	34.8	42.1	50.4	58.4	62.8	61.7	55.1	43.1	34.3	28.8	43.9
	LOWEST DAILY MINIMUM	34	-16	-2	2	22	28	35	44	42	30	21	8	-7	-16
	YEAR OF OCCURRENCE		1985	1967	1993	1987	1989	1966	1988	1986	1967	1976	1970	1983	JAN 1985
	MEAN OF EXTREME MINS.	41	7.9	10.9	19.0	27.3	35.0	45.2	54.1	52.1	40.8	27.6	18.9	11.8	29.2
	NORMAL DRY BULB	30	35.7	38.7	47.4	55.2	63.0	69.4	72.8	72.0	66.2	55.9	47.5	39.5	55.3
	MEAN DRY BULB	41	37.2	39.7	46.9	55.2	62.8	70.0	73.7	72.4	66.3	55.9	46.3	39.6	55.5
	MEAN WET BULB	14	33.0	35.6	41.2	47.9	56.9	64.4	67.9	66.8	61.0	50.8	41.9	32.7	50.0
	MEAN DEW POINT	14	27.1	28.9	34.3	40.6	52.7	61.4	65.2	64.5	58.4	46.3	36.4	27.3	45.3
	NORMAL NO. DAYS WITH:														
MAXIMUM ≥ 90°	30	0.0	0.0	0.0	0.0	0.1	2.1	4.4	2.5	0.3	0.0	0.0	0.0	9.4	
MAXIMUM ≤ 32°	30	3.4	1.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.0	6.4	
MINIMUM ≤ 32°	30	23.9	20.8	13.3	4.3	0.3	0.0	0.0	0.0	*	4.4	13.0	20.7	100.7	
MINIMUM ≤ 0°	30	0.5	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	
H/C	NORMAL HEATING DEG. DAYS	30	908	736	546	298	117	18	5	5	64	295	525	791	4308
	NORMAL COOLING DEG. DAYS	30	0	0	0	0	55	150	247	222	100	13	0	0	787
RH	NORMAL (PERCENT)	30	73	70	68	66	75	79	82	84	84	78	75	74	76
	HOUR 01 LST	30	80	78	79	78	89	93	95	96	96	91	86	82	87
	HOUR 07 LST	30	85	84	85	85	92	94	96	98	97	94	88	86	90
	HOUR 13 LST	30	59	56	53	50	56	59	63	64	64	57	57	59	58
	HOUR 19 LST	30	67	62	60	56	66	70	74	78	81	74	70	70	69
S	PERCENT POSSIBLE SUNSHINE	32	55	59	61	66	61	62	60	54	56	62	58	55	59
W/O	MEAN NO. DAYS WITH:														
	HEAVY FOG (VISBY ≤ 1/4 MI)	35	4.1	2.9	2.2	2.5	5.4	8.3	8.9	12.7	11.4	8.0	4.1	4.6	75.1
	THUNDERSTORMS	35	0.5	0.8	2.3	3.3	6.7	8.0	9.0	8.0	3.2	0.8	0.8	0.3	43.7
CLOUDINESS	MEAN:														
	SUNRISE-SUNSET (OKTAS)	32	5.0	4.8	4.9	4.6	5.0	5.0	5.0	5.0	4.8	4.0	4.3	4.7	4.8
	MIDNIGHT-MIDNIGHT (OKTAS)	32	4.9	4.7	4.7	4.4	4.8	4.7	4.8	5.0	4.7	4.0	4.1	4.5	4.6
	MEAN NO. DAYS WITH:														
	CLEAR	33	9.1	8.7	8.8	9.6	7.2	6.2	5.0	4.8	6.7	11.6	10.2	9.3	97.2
PARTLY CLOUDY	33	7.3	6.4	8.1	8.5	10.4	12.0	13.4	13.1	10.2	7.8	6.9	7.0	111.1	
CLOUDY	33	14.6	13.2	14.1	11.8	13.3	11.8	11.7	12.2	12.2	10.7	11.9	13.7	151.2	
PR	MEAN STATION PRESSURE (IN)	26	27.80	27.79	27.80	27.80	27.80	27.80	27.90	27.90	27.90	27.90	27.89	26.73	27.75
	MEAN SEA-LEVEL PRES. (IN)	15	30.12	30.08	30.06	30.01	30.03	30.03	30.07	30.08	30.11	30.14	30.15	27.99	29.91
WINDS	MEAN SPEED (MPH)	34	9.4	9.4	9.3	8.8	7.0	5.9	5.9	5.5	5.6	6.8	8.3	8.9	7.6
	PREVAIL. DIR (TENS OF DEGS)	27	34	34	34	34	34	34	34	34	34	34	34	34	34
	MAXIMUM 2-MINUTE:														
	SPEED (MPH)	2	36	32	34	38	30	32	25	31	28	33	28	31	38
	DIR. (TENS OF DEGS)		32	32	32	32	36	32	30	31	33	32	18	33	32
	YEAR OF OCCURRENCE		1998	1998	1997	1997	1997	1998	1997	1997	1997	1997	1998	1997	APR 1997
	MAXIMUM 5-SECOND:														
	SPEED (MPH)	2	45	43	45	46	38	45	33	37	34	38	38	40	46
DIR. (TENS OF DEGS)		31	32	31	32	31	03	31	32	32	33	32	32	32	
YEAR OF OCCURRENCE		1998	1998	1997	1997	1997	1998	1998	1997	1997	1997	1997	1998	APR 1997	
PRECIPITATION	NORMAL (IN)	30	3.25	3.91	4.63	3.36	4.43	4.23	4.52	4.69	3.87	3.59	3.59	3.52	47.59
	MAXIMUM MONTHLY (IN)	34	9.96	8.07	9.86	8.70	8.83	10.73	9.92	11.28	9.12	8.82	7.76	8.48	11.28
	YEAR OF OCCURRENCE		1998	1990	1975	1998	1973	1989	1982	1967	1977	1990	1979	1973	AUG 1967
	MINIMUM MONTHLY (IN)	34	0.45	0.44	0.77	0.25	1.06	0.90	0.46	0.52	0.16	0.19	1.19	0.16	0.16
	YEAR OF OCCURRENCE		1981	1978	1985	1976	1988	1990	1986	1981	1984	1991	1981	1965	SEP 1984
	MAXIMUM IN 24 HOURS (IN)	34	4.67	3.47	5.13	3.06	4.95	4.36	4.02	5.10	3.41	4.22	4.03	2.66	5.13
	YEAR OF OCCURRENCE		1998	1982	1968	1973	1973	1997	1969	1990	1975	1995	1977	1973	MAR 1968
	NORMAL NO. DAYS WITH:														
PRECIPITATION ≥ 0.01	30	10.1	9.5	11.3	9.5	11.8	10.8	12.1	12.3	9.3	8.2	9.2	9.8	123.9	
PRECIPITATION ≥ 1.00	30	0.6	0.8	1.2	1.0	1.2	0.9	1.1	1.0	1.0	0.9	1.1	1.0	11.8	
SNOWFALL	NORMAL (IN)	30	5.0	5.3	2.5	0.7	0.0	0.0	0.0	0.0	T	0.8	1.9	16.2	
	MAXIMUM MONTHLY (IN)	34	17.6	25.5	18.2	11.5	T	T	T	T	0.0	T	9.6	16.3	25.5
	YEAR OF OCCURRENCE		1966	1969	1993	1987	1993	1995	1994	1990		1993	1968	1971	FEB 1969
	MAXIMUM IN 24 HOURS (IN)	34	14.0	11.7	16.5	11.5	T	T	T	T	0.0	T	5.7	16.3	16.5
	YEAR OF OCCURRENCE		1988	1969	1993	1987	1993	1995	1994	1990		1993	1968	1971	MAR 1993
	MAXIMUM SNOW DEPTH (IN)	39	14	13	18	12	0	0	0	0	0	0	5	14	18
	YEAR OF OCCURRENCE		1988	1969	1993	1987							1968	1971	MAR 1993
	NORMAL NO. DAYS WITH:														
SNOWFALL ≥ 1.0	30	1.4	1.5	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	4.5	